ZCM-11, ZCM-11/U TIME PROGRAMMER WEEK'S - SINGLE-CHANEL

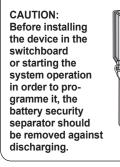
INSTRUCTION MANUAL

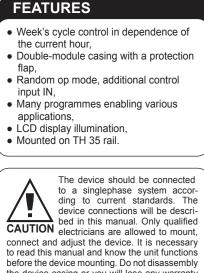


DESCRIPTION

Programmable control timers are designed for time functions execution in automatics and control systems. Week's programmer controls the output relay in dependence of program settings (day, hour). The device is fitted with some additional functions, among other things the random function that is used for the operating mode changing by means of an external push button. It is possible to mount the device on TH 35 rail and seal it if needed. A simple menu layout and an ergonomic keyboard enable easy and intuitive unit operating. The construction of the system guarantees supporting of all the settings with battery energy when the electric power supply is off.

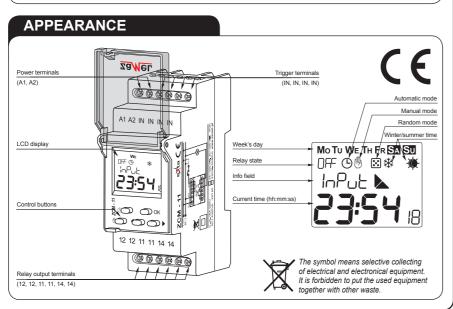
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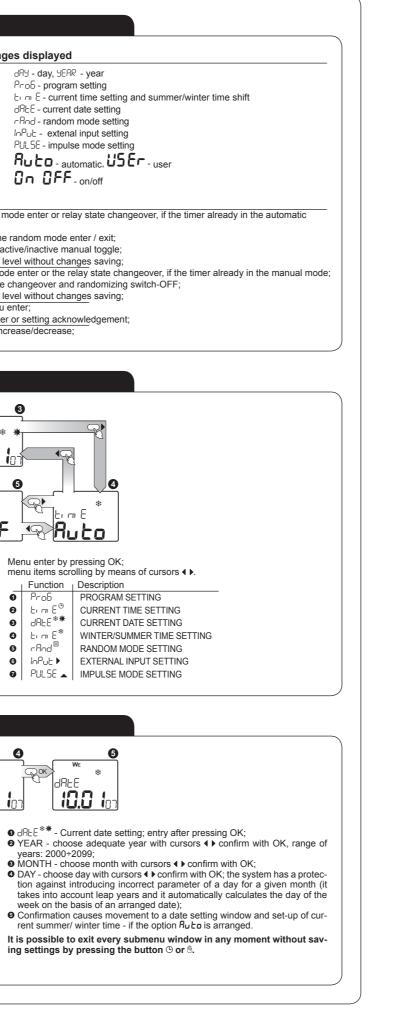


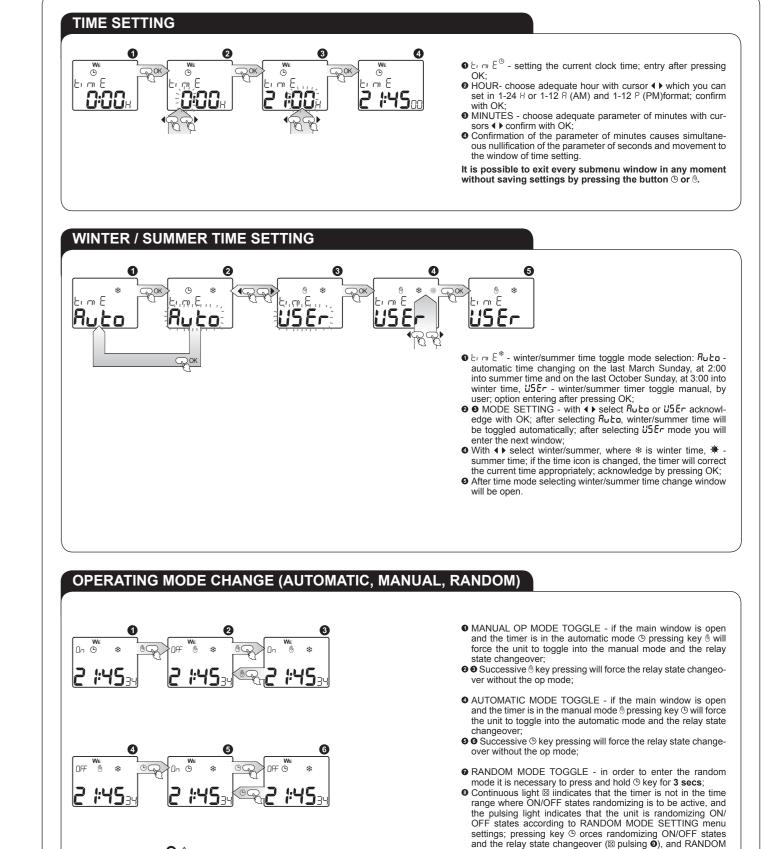
connect and adjust the device. It is necessary to read this manual and know the unit functions before the device mounting. Do not disassembly the device casing or you will lose any warranty rights and expose yourself to the electric shock hazard. Before mounting operation make sure of disconnecting the connection wires from the electric network. Use a cross-head screwdriver of 3.5 mm diameter to mount the device. The relay should be carried, stored and used in an appropriate way. Do not mount the device in case of any device parts lack, damage or deformation. In case of malfunction please notify the manufacturer.

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TECHNICAL DATA		
ZCI	M-11	
Power supply terminals:	A1, A2	
Input rated voltage:	ZCM-12: 230 V AC (-15 ÷ +10 %) ZCM-12/U: 24 ÷ 250 V AC, 30 ÷ 300 V DC	
Nominal frequency:	50 / 60 Hz	
Rated power consumption:	2 W / 14 VA	
Number of channels:	1	
Program quantity:	400 (200 On/Off pairs)	
Program:	daily, week's	
Operating modes:	manual, automatic, random, impulse	
Change of season summer/ winter:	automatic, manual	
Colour of LCD panel lighting:	amber	
Input:	J = -	
Accuracy of time measurement:	-	
Time of clock maintenance:	- ,	
Time of programme maintenance:		
Clamps of release system:		
Receiver input (supply) terminals:		
Output relay parameters:		
Number of terminal clamps:		
Section of connecting cables: Ambient temperature range:		
Operating position:		
Mounting		
•	IP20 (PN-EN 60529)	
Protection degree		
Overvoltage category:		
Pollution degree:		
Dimensions:		
Weight		
Reference standards:	PN-EN 60730-1; PN-EN 60730-2-7 PN-EN 61000-4-2,3,4,5,6,11	



DECODIDITION	
DESCRIPTION	
	Description of elements and message Mo Tu WE TH FR Status Orn DFF - transmitter's status ③ - automatic mode ③ - manual mode ☑ - random mode ▲ - impulse mode ● - external input ※ - winter time ※ - summer time
	Button description ⑤ • in the main window - the automatic mode; • in the main window (3 seconds) - the result in the random mode - randomizing act • the other windows - exit to a higher leve • in the main window - the manual mode • in the random mode - the relay state of • the other windows - exit to a higher leve • the other windows - exit to a higher leve • the other windows - a submenu enter of • window/option toggle or set value increase
MAIN MENU	
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DATE SETTING	
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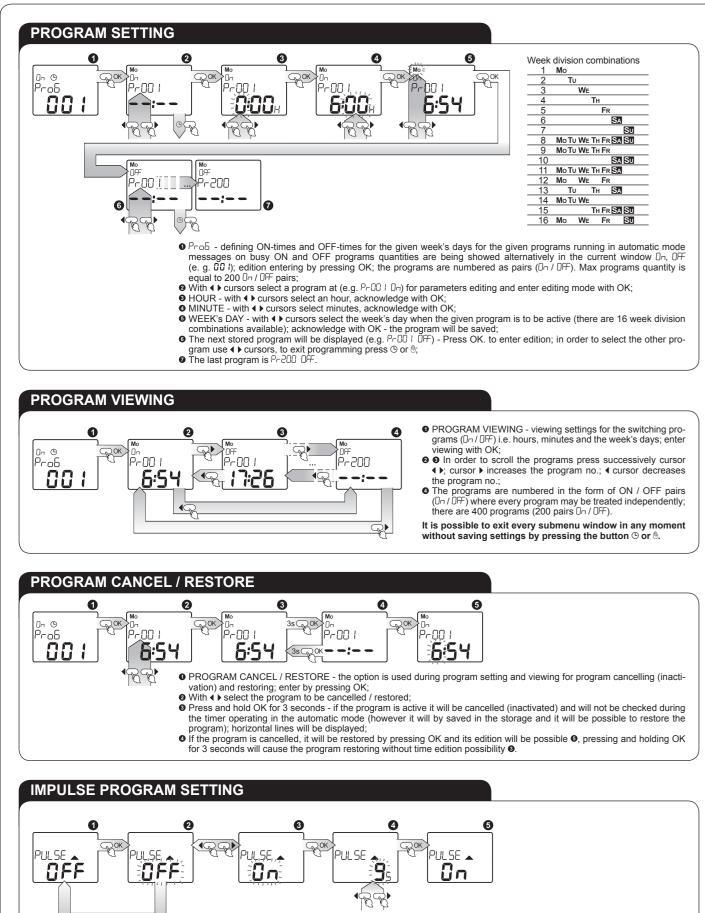
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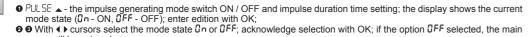
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MODE SETTING menu settings are still binding; successive

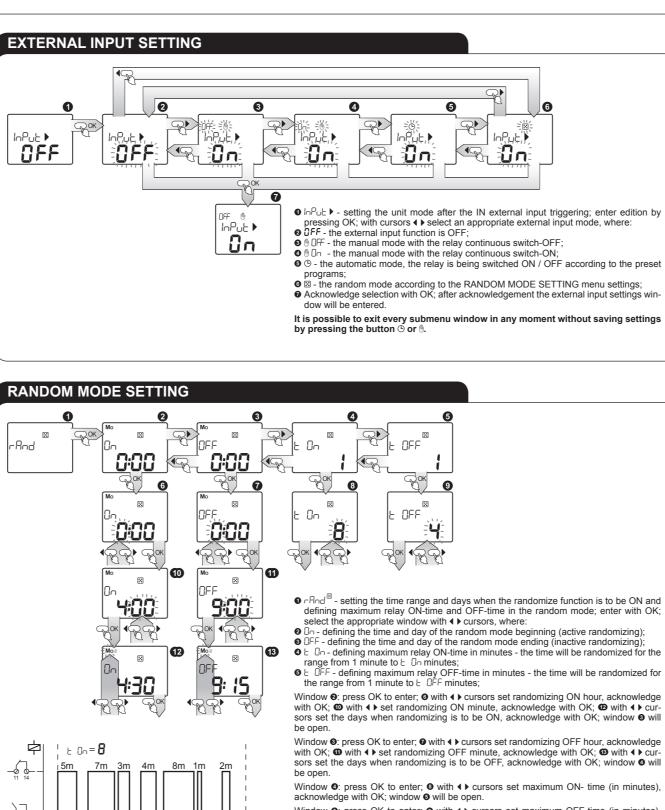




menu will be entered:

If selected 3n set with () cursors impulse duration time in seconds; acknowledge with OK;

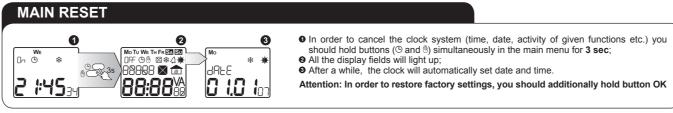
• After setting acknowledgement the impulse mode setting window is entered. In the impulse mode only Dn programs are available





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- InPut > setting the unit mode after the IN external input triggering; enter edition by
- O Acknowledge selection with OK; after acknowledgement the external input settings win-

- \circ r And^{\boxtimes} setting the time range and days when the randomize function is to be ON and defining maximum relay ON-time and OFF-time in the random mode; enter with OK;
- O \Box_{n} defining the time and day of the random mode beginning (active randomizing); ● DFF - defining the time and day of the random mode ending (inactive randomizing);
- sors set the days when randomizing is to be ON, acknowledge with OK; window 9 will
- Window **④**: press OK to enter; **④** with **∢** ▶ cursors set randomizing OFF hour, acknowledge with OK; **④** with **∢** ▶ set randomizing OFF minute, acknowledge with OK; **④** with **∢** ▶ cursors set the days when randomizing is to be OFF, acknowledge with OK; window @ will
- Window Ø: press OK to enter; Ø with ∢ ▶ cursors set maximum ON- time (in minutes),
- Window **9**: press OK to enter; **9** with **4** ▶ cursors set maximum OFF-time (in minutes), acknowledge with OK; window @ will be open.
- It is possible to exit every submenu window in any moment without saving settings by pressing the button \odot or \emptyset .

